

10028500 BEAR RIVER BELOW PIXLEY DAM, NEAR COKEVILLE, WY

LOCATION.--Lat 41°56'20", long 110°59'05", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 23 N., R. 120 W., Lincoln County, Hydrologic Unit 16010102, 800 ft downstream from Pixley Dam, 11 mi south of Cokeville, and 17.5 mi downstream from Twin Creek.

DRAINAGE AREA.--2,032 mi².

PERIOD OF RECORD.--October 1941 to November 1943 (published as Bear River near Cokeville), October 1952 to September 1956, May 1958 to current year (seasonal only). Monthly discharge only for some periods, published in WSP 1314.

REVISED RECORDS.--WRD UT-74-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,185 ft above sea level, from river-profile map. Oct. 31, 1941 to Nov. 30, 1943, at site 200 ft downstream at different datum.

REMARKS.--Records good. Natural flow of stream affected by diversions for irrigation, return flow from irrigated areas, and regulation by upstream reservoirs.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 2,300 ft³/s Mar. 25, 1956; minimum recorded, 0.24 ft³/s Apr. 26, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1250 ft³/s June 19, gage height 8.65 ft; minimum recorded daily discharge, 147 ft³/s Sept. 5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR APRIL 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	1010	961	514	224	152
2	---	---	---	---	---	---	---	1010	869	512	210	153
3	---	---	---	---	---	---	---	1020	788	509	216	153
4	---	---	---	---	---	---	---	1010	693	503	217	149
5	---	---	---	---	---	---	---	982	681	507	245	147
6	---	---	---	---	---	---	---	942	688	503	259	151
7	---	---	---	---	---	---	---	912	704	507	233	152
8	---	---	---	---	---	---	---	878	748	501	214	151
9	---	---	---	---	---	---	---	869	826	482	202	151
10	---	---	---	---	---	---	---	873	879	480	199	150
11	---	---	---	---	---	---	---	876	893	482	207	157
12	---	---	---	---	---	---	---	849	940	524	230	172
13	---	---	---	---	---	---	---	861	1030	595	272	173
14	---	---	---	---	---	---	---	893	1110	573	274	170
15	---	---	---	---	---	---	---	931	1140	596	254	166
16	---	---	---	---	---	---	---	922	1170	538	231	162
17	---	---	---	---	---	---	564	868	1190	462	217	160
18	---	---	---	---	---	---	583	913	1190	426	210	165
19	---	---	---	---	---	---	597	886	1200	419	203	170
20	---	---	---	---	---	---	624	714	1180	399	197	179
21	---	---	---	---	---	---	688	726	1110	362	190	182
22	---	---	---	---	---	---	732	809	1070	343	187	187
23	---	---	---	---	---	---	756	847	1020	322	183	182
24	---	---	---	---	---	---	867	938	967	307	180	178
25	---	---	---	---	---	---	930	1180	883	302	178	176
26	---	---	---	---	---	---	989	1200	794	285	173	177
27	---	---	---	---	---	---	1060	1200	570	274	169	177
28	---	---	---	---	---	---	1080	1180	544	259	164	188
29	---	---	---	---	---	---	1080	1160	513	260	161	187
30	---	---	---	---	---	---	1050	1110	508	242	157	184
31	---	---	---	---	---	---	---	1040	---	241	154	---
TOTAL	---	---	---	---	---	---	---	29609	26859	13229	6410	5001
MEAN	---	---	---	---	---	---	---	955	895	427	207	167
MAX	---	---	---	---	---	---	---	1200	1200	596	274	188
MIN	---	---	---	---	---	---	---	714	508	241	154	147
AC-FT	---	---	---	---	---	---	---	58730	53270	26240	12710	9920